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## Workshop Chair

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## Local Arrangements

Peter Baasch  
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## Important Deadlines and Dates

Manuscript Submission:	February 13th, 2005
Notification of Acceptance:	March 14th, 2005
Pre-Registration:	March 29th, 2005
Camera-Ready Paper Submission:	April 3rd, 2005
Workshop:	May 20th, 2005



# WISES 2005

Third IEEE International Workshop on  
Intelligent Solutions in Embedded Systems

Hamburg University of Technology, Germany

May 20th, 2005

## Call for Papers



**TUHH**

Technische Universität Hamburg-Harburg

## Goals and Content

WISES 2005 introduces an excellent forum for research on intelligent methods in embedded systems engineering. Embedded systems require innovative and intelligent solutions in order to satisfy the challenging demands such as increasing functionality, real-time operation and constraints concerning cost, size and power consumption of new emerging application areas such as pervasive computing environments and sensor networks.

The objective of this workshop is to create a forum to exchange ideas, discuss solutions, and share experiences among researchers, professionals, and application developers both from industry and academia. Original papers addressing both theoretical and practical aspects of embedded systems are solicited. Papers describing prototype implementations and deployment of embedded systems are particularly welcome.



## Topics

Topics of interest include, but are not limited to:

- Smart embedded systems
- Pervasive computing
- Wireless sensor networks
- Power-, location-, and context-awareness
- Topology control and time synchronization
- Data gathering, aggregation and dissemination
- Fault tolerance, security, and robustness
- Real-time computing
- Network protocols and middleware for sensor networks
- Distributed algorithms for sensor networks
- Algorithms for self-configuration, stabilization
- Vertical integration of embedded systems
- Novel sensor node hardware and software platforms
- Modeling and performance evaluation
- Prototypes, applications, field studies, and testbeds

## Submission Details

The workshop will only accept for review original papers in English that have not been previously published and are not currently under review by another conference or journal. All submissions will be handled electronically and must be in PDF or PostScript. Papers must not exceed 10 pages including text, figures and references. Accepted papers will be published in the conference proceedings distributed by Shaker Publishing. Each paper must be presented by one of the authors at the workshop. Questions about the submission process should be directed to [wises05@ti5.tu-harburg.de](mailto:wises05@ti5.tu-harburg.de).



## Hamburg University of Technology

The TUHH is one of the youngest universities in Germany as well as one of the most successful. Between 1982 and today an attractive architectural ensemble was created on the TUHH campus in the south of Hamburg. The campus, with its modern buildings, fits most naturally into the surrounding parkland. With the combination of beauty and function the university has become a landmark in city-planning.

Research work started in 1980 and in 1982/83 lecturing followed. Today around 100 senior lecturers/professors and 1.150 members of staff (450 scientists, including externally funded researchers) work at the TUHH. With an average of 5.000 students the TUHH offers a uniquely high ratio of staff to students.